

SEQUENCE LISTING

<110> Rosetta Inpharmatics LLC
Phillips, John W.

<120> Methods of Using a Sterol Biosynthesis Pathway Reporter Gene to Screen for Antifungal Compounds

<130> RS0212

<150> US 60/491,442

<151> 2003-07-30

<160> 5

<170> PatentIn version 3.2

<210> 1

<211> 372

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 1

atggtaaat taacttcaat cgctgccggt gttgccgcca tcgctgccgg tgttgccgct 60

gctccagcca ctaccactct atctccatct gacgaaagag tcaacttggt cgaattgggt 120

gtttacgtct ccgatatacg agtcatttg gctcaataact acttgtttca agcagctcat 180

ccaactgaga cctacccagt tgagattgtt gaagctgttt tcaactatgg tgacttcacc 240

accatgttga ctggatttcc agctgaacaa gtcaccagag tcatactgg tgtcccatgg 300

tactccacta gattgagacc agtatttcc agtgctctat ctaaggacgg tatctacact 360

gctattccaa aa 372

<210> 2

<211> 124

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 2

Met Val Lys Leu Thr Ser Ile Ala Ala Gly Val Ala Ala Ile Ala Ala
1 5 10 15

Gly Val Ala Ala Ala Pro Ala Thr Thr Thr Leu Ser Pro Ser Asp Glu
20 25 30

Arg Val Asn Leu Val Glu Leu Gly Val Tyr Val Ser Asp Ile Arg Ala
35 40 45

His Leu Ala Gln Tyr Tyr Leu Phe Gln Ala Ala His Pro Thr Glu Thr
50 55 60

Tyr Pro Val Glu Ile Ala Glu Ala Val Phe Asn Tyr Gly Asp Phe Thr
 65 70 75 80

Thr Met Leu Thr Gly Ile Pro Ala Glu Gln Val Thr Arg Val Ile Thr
85 90 95

Gly Val Pro Trp Tyr Ser Thr Arg Leu Arg Pro Ala Ile Ser Ser Ala
100 105 110

Leu Ser Lys Asp Gly Ile Tyr Thr Ala Ile Pro Lys
115 120

<210> 3
<211> 1001
<212> DNA
<213> *Saccharomyces cerevisiae*

ggatatgtta acgaatcggtt taagtggta tgaccaatga aggaataggt ataaatagag 900
atacttcaac tatatgcctt tgagaatatg tctttattcc ttcccttcct gtttagctta 960
tatcagcact aacaaacaaa acaaatacaa tggtcaaatt a 1001

<210> 4
<211> 13
<212> DNA
<213> Artificial

<220>
<223> Description of Artificial Sequence: supF-stuffer fragment junction component

<400> 4
ccccggagac gtc 13

<210> 5
<211> 10
<212> DNA
<213> Artificial

<220>
<223> Description of Artificial Sequence: terminal of supF gene

<400> 5
tcccccacca 10